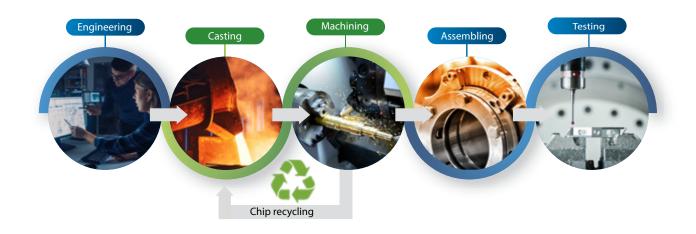


# DEMANDING COMPONENTS AND ASSEMBLIES – ALWAYS THE RIGHT SOLUTION FOR THE TOUGHEST REQUIREMENTS

Rheinmetall develops and manufactures high-precision components and complex assemblies according to customer-specific requirements for a wide range of industrial applications.

Optimized production processes with a high degree of vertical integration combined with a closed material loop enable efficient and sustainable component manufacturing.





# **MATERIALS AND DIMENSIONS**

# Continuous casting

- Tin bronze
- Sulfur bronze (lead-free)
- Aluminum bronze (lead-free)
- Lead bronze
- Gunmetal
- Aluminum alloys
- Max OD 500 mm
- Tubes, bars, plains and squares according to customer specification

### Centrifugal casting

- Steel babbit
- Steel babbit (lead-free)
- · Steel bronze
- Max. ID 380 mm

A broad range of other special geometries and alloys are available on request. Our offering also includes miscellaneous anti-friction and anti-corrosion coatings.

#### **PRODUCT EXAMPLES**



Hybrid brake piston: bronze bushing with steel core



Bronze bearing and aluminum washer for e. g. wind power gearboxes



Steel - babbit: formed or machined bushings or halfshells



Steel bushing with bronze sliding layer



Bearing shell with specific characteristics like oil grooves or sputtered layers



Milled or turned parts: e. g. steel spindle with bronze nut

#### QUALITY

 The complete manufacturing process is monitored and controlled by a proven set of quality assurance measures

#### **CERTIFICATES**

- Made in Germany
- ISO 9001, ISO 50001, IATF 16949, ISO 14001



# CONTACT

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